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Department of Mathematics

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Professor Joshua Lederberg
Department of Genetics
Stanford University School of
    Medicine
Palo Alto, California

Dear Professor Lederberg:

I am very much interested in your paper entitled "Topological Graphs of Organic Molecules" which has just appeared in the "Proceedings of the National Academy of Sciences." I should greatly appreciate your sending me a reprint of it, and in fact, two reprints if you can spare them, because the subject is closely related to the research topic of one of my Ph.D. students.

Under separate cover I have sent you a recent report by me entitled "Convex Polytopes and Linear Programming". (This will appear later in the year in an IBM publication). While the general emphasis of the report is rather aside from your interests, I think that pages 26-40 may be of some interest to you since they deal with the structure of graphs of the sort detailed in your paper. Some of the material of the following section may also interest you. I should mention specifically the fact that Bouwkamp and some of his colleagues at the Philips Research Laboratories in Eindhoven have compiled a table of all triply connected planar graphs having up to 19 edges. Also available are pictures of all of these graphs which have no more than 17 edges.

I should greatly appreciate your putting me on your mailing list for any future reprints which deal with problems of a combinatorial nature as I am much interested in combinatorics in general, and more specifically in connection with sciences other than mathematics.

Yours sincerely,

Victor Klee

Victor Klee
Professor of Mathematics

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